

# DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D412-760 REV. G OR LATER APPROVED REVISION AND  
INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D412-760 REV. 5 OR LATER APPROVED REVISION

REF. TCCA STC: SH07-37  
REF. FAA STC: SR02492NY  
REF. EASA STC: IM.R.S.01361  
REF. ANAC STC: 2009S08-18  
REF. ANAC STC: 2009S08-19  
REF. ANAC STC: 2009S08-20

## 1.0 PURPOSE:

The purpose of this Dart Service Instruction (DSI) is to provide customers that have purchased the D412-760-011/-013/-015/-017/-019 with the option to install a traction strip kit.

The D412-760-311 Kit provides the customer with 27 strips of black self adhesive traction tape, qty (18) 2" X 14" (51mm X 356mm) and qty (9) 2" x 10" (51mm X 254mm).

It is permissible to install more than one kit in a single aircraft if the operator wishes to have more coverage.

## 2.0 INSTALLATION PROCEDURE:

2.1 The number and location of D5538-1/-3 Traction Strips are to be applied at the installers discretion. Figure 1 is a suggested configuration which covers the "high traffic" areas of the passenger cabin.

**Note:** In the configuration shown in Figure 1, (24) Traction Strips are used (16) Standard and (8) Short. There will be (3) spare strips, (2) Standard and (1) Short.

2.2 Traction Strips must be applied to the textured face of the Cabin Floor Protector Panels.

2.3 Ensure the textured surface is clean and free of dirt and/or debris. Clean surfaces with Isopropyl alcohol.

2.4 Locate the D5538-1/-3 Traction Strips in the desired location. The Traction Strips should be located 0.25" - 0.50" (6mm - 13mm) from the edge of the cabin floor protectors as shown in Figure 1 Detail A, to prevent the Traction Strip from peeling.

2.5 If the Traction Strip is located on one of the "voids" on the cabin floor protectors, as shown in Figure 1 Detail A, transfer mark the shape of the "void" to the back face of the Traction Strip and trim the strip, prior to installing the Traction Strip. Ensure that the edge of the strip is 0.25" - 0.50" (6mm - 13mm) from edge of the "void" as shown Figure 1 Detail A to prevent peeling.

2.6 Peel back the backing and install the tape section.

**Note:** Tape will stick immediately. It is not acceptable to remove and reapply.

2.7 Press on the tape section and smooth out any air bubbles.

2.8 Update the Aircraft log book to record installation of the D412-760-311 Traction Strip Kit.

CANADA DEPARTMENT OF TRANSPORT AIRCRAFT CERTIFICATION BRANCH DAO # 01-O-01	
APPROVED  BY: D. SHEPHERD (DE # 02)	
DATE:	17.05.09
CERT. NO.:	SH07-37
ISSUE NO.:	3

APPROVED

A	NEW ISSUE		AJS	17.05.09
REV.	DESCRIPTION		BY	DATE
DESIGN	AJS	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	DRAWING NO. <b>DSI 9780</b>	REV. A SHEET 1 OF 3
DRAWN	AJS			
CHECKED	WM			
MFG. APPR.	N/A			
APPROVED	WM			
DE APPR.	DS	TITLE <b>TRACTION STRIP KIT</b>	SCALE NTS	
DATE	17.05.09			

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### **3.0 PARTS LIST:**

ITEM	QTY -311	P/N	DESCRIPTION
	X	D412-760-311	TRACTION STRIP KIT, BLACK
1	18	D5538-1	TRACTION STRIP (BLACK)
2	9	D5538-3	SHORT TRACTION STRIP (BLACK)

### **4.0 WEIGHT AND BALANCE:**

The material used in the D5538-1/3 Traction Strips weighs 0.15 lbs per sq ft (0.73 kgs per sq m).

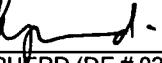
Each D5538-1 Traction Strip weighs approximately 0.03 lbs (0.014 kgs).

Each D5538-3 Traction Strip weighs approximately 0.02 lbs (0.009 kgs).

A complete D412-760-311 Traction Strip Kit weighs approximately 0.63 lbs (0.29 kgs). The Aircraft Weight and Balance should be updated accordingly by the installer.

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DEPARTMENT OF TRANSPORT  
AIRCRAFT CERTIFICATION  
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DRAWN	AJS	HAWKESBURY, ONTARIO, CANADA	
CHECKED	WM	DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9780	SHEET 2 OF 3
APPROVED	WM	TITLE	SCALE
DE APPR.	DS 	TRACTION STRIP KIT	NTS
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